

Eugene Water & Electric Board 2020 Water Testing Results

Samples collected at the Entry Point to the Water Distribution System unless otherwise noted.
Results in mg/L unless otherwise noted.

Parameter	EPA Standard	Average Result	Range
PRIMARY STANDARDS			
INORGANIC CHEMICALS			
Barium	2	0.002	ND - 0.003
Fluoride	4	ND	ND - 0.056
Nitrate	10	ND	ND - 0.27
DISINFECTION BY-PRODUCTS¹			
Total Trihalomethanes (µg/L)	80	13.1	8.9 - 18.0
Haloacetic Acids (µg/L)	60	6.4	5.0 - 8.0
MICROORGANISMS			
Total Coliform ¹ (/100 mls)	5% per month	0%	0% - 1.2% ²
<i>E. coli</i> ¹ (/100 mls)	*	0	1 sample in the month of June ³
Turbidity (NTU) ⁴	0.3	0.026	0.017 - 0.035
SECONDARY STANDARDS & ADDITIONAL PARAMETERS			
Alkalinity in CaCO ₃ units	No Limit	25	21 - 28
Aluminum	0.05-0.2	ND	ND - 0.026
Calcium	No Limit	4.4	3.6 - 5.0
Chloride	250	2.6	2.1 - 3.2
Chlorine	4	0.68	0.63 - 0.74
Conductivity (µmho/cm)	No Limit	70	57 - 80
Hardness as CaCO ₃	250	18	15 - 20
Heterotrophic Bacteria (CFU)	500	0	0 - 40
Magnesium	No Limit	1.7	1.3 - 1.9
Manganese (µg/L)	50	ND	ND - 2.0
Odor (TON)	3	1	ND - 2
pH (pH Units)	6.5 - 8.5 ⁵	7.9	7.8 - 8.0
Silica	No Limit	17	15 - 19
Sodium	No Limit	7.1	5.5 - 8.5
Sulfate	250	5.2	3.5 - 9.7
Total Dissolved Solids	500	55	46 - 69
Total Organic Carbon	No Limit	0.48	0.35 - 0.70
Total Solids	No Limit	58	47 - 71

* The MCL for *E. coli* is exceeded if A) an *E. coli*-positive repeat sample follows a total coliform-positive routine sample, or B) a total coliform-positive repeat sample follows an *E. coli*-positive routine sample, or C) repeat samples are not collected following an *E. coli* positive routine sample, or D) any repeat samples are not analyzed for *E. coli* when it tests positive for total coliform.

1 Samples collected throughout Eugene's water distribution system.

2 1.2% equals 2 samples out of 165 routine samples in the month of June, all other months were 0%.

3 Out of 165 routine samples collected in June, one sample was positive for *E. coli*. However, the MCL for *E. coli* was not exceeded because all three required repeat samples were negative for both total coliform and *E. coli*.

4 Samples collected post filtration within the Water Treatment Plant as required.

5 EWEB is required by the Oregon Health Authority to produce water with a pH greater than 7.6.

For more information:

[EPA Primary Standards](#)

[EPA Secondary Standards](#)

In 2020 the following contaminants were monitored for but not detected in EWEB's water.

Samples collected at the Entry Point to the Water Distribution System unless otherwise noted.

1,1,1,2-Tetrachloroethane	BDE-47	Dehydronifedipine
1,1,1-Trichloroethane	BDE-99	Di-(2-Ethylhexyl)adipate
1,1,2,2-Tetrachloroethane	Bendroflumethiazide	Di(2-Ethylhexyl)phthalate
1,1,2-Trichloroethane	Bentazon	DIA
1,1-Dichloroethane	Benz(a)Anthracene	Diazepam
1,1-Dichloroethylene	Benzene	Diazinon (Qualitative)
1,1-Dichloropropene	Benzo(a)pyrene	Dibenz(a,h)Anthracene
1,2,3-Trichlorobenzene	Benzo(b)Fluoranthene	Dibromochloropropane (DBCP)
1,2,3-Trichloropropane	Benzo(g,h,i)Perylene	Dibromomethane
1,2,4-Trichlorobenzene	Benzo(k)Fluoranthene	Dicamba
1,2,4-Trimethylbenzene	Beryllium Total ICAP/MS	Dichlorodifluoromethane
1,2-Dichloroethane	Bezafibrate	Dichloromethane
1,2-Dichloropropane	Bifenthrin	Dichloroprop
1,3,5-Trimethylbenzene	BPA	Diclofenac
1,3-Dichloropropane	Bromacil	Dieldrin
1,7-Dimethylxanthine	Bromobenzene	Diethylphthalate
1H-Benzotriazole	Bromochloromethane	Di-isopropyl ether
2,2-Dichloropropane	Bromoethane	Dilantin
2,4,5-T	Bromomethane (Methyl Bromide)	Diltiazem
2,4,5-TP (Silvex)	Butachlor	Dimethoate
2,4-D	Butalbital	Dimethylphthalate
2,4-DB	Butylbenzylphthalate	Di-n-Butylphthalate
2,4-Dinitrotoluene	Butylparaben	Dinoseb
2-Butanone (MEK)	Cadmium Total ICAP/MS	Diquat
3,5-Dichlorobenzoic acid	Caffeine	Diuron
3-Hydroxycarbofuran	Carbadox	Endothall
4-Methyl-2-Pentanone (MIBK)	Carbamazepine	Endrin
4-nonylphenol - semi quantitative	Carbaryl	Epitestosterone
4-tert-Octylphenol	Carbofuran (Furadan)	Erythromycin
Acenaphthylene	Carbon disulfide	Estradiol
Acesulfame-K	Carbon Tetrachloride	Estriol
Acetaminophen	Carisoprodol	Estrone
Acifluorfen	Chloramphenicol	Ethinyl Estradiol - 17 alpha
Alachlor	Chlordane	Ethyl benzene
Alachlor (Alanex)	Chloridazon	Ethylene Dibromide (EDB)
Albuterol	Chlorobenzene	Ethylparaben
Aldicarb (Temik)	Chloroethane	Fenitrothion
Aldicarb sulfone	Chloromethane(Methyl Chloride)	Fipronil
Aldicarb sulfoxide	Chlorotoluron	Flumequine
Aldrin	Chlorpyrifos	Fluoranthene
alpha-Chlordane	Chromium Total ICAP/MS	Fluorene
Amoxicillin (semi-quantitative)	Chrysene	Fluoxetine
Androstenedione	Cimetidine (semi quantitative)	Galaxolide
Anthracene	cis-1,2-Dichloroethylene	gamma-Chlordane
Antimony Total ICAP/MS	cis-1,3-Dichloropropene	Gemfibrozil
Arsenic Total ICAP/MS	cis-Permethrin	Glyphosate
Atenolol	Clofibric Acid	Heptachlor
Atrazine	Codeine	Heptachlor Epoxide
Baygon	Copper Total ICAP/MS	Heptachlor Epoxide (isomer B)
BDE-100	Cotinine	Hexachlorobenzene
BDE-153	Cyanide	Hexachlorobutadiene
BDE-154	DACT	Hexachlorocyclopentadiene
BDE-183	Dalapon	Hydrocodone
BDE-209	DEA	Ibuprofen
BDE-28	DEET	Indeno(1,2,3,c,d)Pyrene

Iohexol	PCB 1232 Aroclor	Total 1,3-Dichloropropene
Iopromide	PCB 1242 Aroclor	Total PCBs
Isobutylparaben	PCB 1248 Aroclor	Total Permethrin
Isophorone	PCB 1254 Aroclor	Total xylenes
Isopropylbenzene	PCB 1260 Aroclor	Toxaphene
Isoproturon	p-Chlorotoluene	trans-1,2-Dichloroethylene
Kepone	p-Dichlorobenzene (1,4-DCB)	trans-1,3-Dichloropropene
Ketoprofen	Pentachlorophenol	trans-Nonachlor
Ketorolac	Pentoxifylline	trans-Permethrin
Lead Total ICAP/MS	Phenanthrene	Trichloroethylene (TCE)
Lidocaine	Phenazone	Trichlorofluoromethane
Lincomycin	Picloram	Trichlorotrifluoroethane(Freon 113)
Lindane	p-Isopropyltoluene	Triclocarban
Lindane (gamma-BHC)	Primidone	Triclosan
Linuron	Progesterone	Trifluralin
Lopressor	Propachlor	Trimethoprim
m,p-Xylenes	Propazine	Venlafaxine
m-Dichlorobenzene (1,3-DCB)	Propranolol	Vinyl chloride (VC)
Meclofenamic Acid	Propylparaben	Warfarin
Meproamate	Pyrene	Zinc Total ICAP/MS
Mercury ICPMS	Quinoline	Per- and Polyfluoroalkyl Substances (PFAS)
Metazachlor	Salicylic Acid	Hexafluoropropylene oxide dimer acid (HFPO-DA)
Metformin	sec-Butylbenzene	Perfluorooctanesulfonic acid (PFOS)
Methadone	Selenium Total ICAP/MS	Perfluoroundecanoic acid (PFUnA)
Methiocarb	Silver Total ICAP/MS	N-methyl
Methomyl	Simazine	Perfluorooctanesulfonamidoacetic acid
Methoxychlor	Styrene	N-ethyl
Methyl Tert-butyl ether (MTBE)	Sucralose	Perfluorooctanesulfonamidoacetic acid
Methylparaben	Sulfachloropyridazine	Perfluorohexanoic acid (PFHxA)
Metolachlor	Sulfadiazine	Perfluorododecanoic acid (PFDoA)
Metribuzin	Sulfadimethoxine	Perfluorooctanoic acid (PFOA)
Molinate	Sulfamerazine	Perfluorodecanoic acid (PFDA)
Morphine	Sulfamethazine	Perfluorohexanesulfonic acid (PFHxS)
Musk Ketone	Sulfamethizole	Perfluorobutanesulfonic acid (PFBS)
Naphthalene	Sulfamethoxazole	Perfluoroheptanoic acid (PFHpA)
Naproxen	Sulfathiazole	Perfluorononanoic acid (PFNA)
n-Butylbenzene	Surfactants	Perfluorotetradecanoic acid (PFTA)
Nickel Total ICAP/MS	TCEP	Perfluorotridecanoic acid (PFTrDA)
Nifedipine (semi quantitative)	TCCP	9-chlorohexadecafluoro-3-oxanone-sulfonic acid
Nitrite Nitrogen by IC	TDCPP	11-chloroeicosafluoro-3-oxaundecane-sulfonic acid
Norethisterone	tert-amyl Methyl Ether	4,8-dioxa-3H-perfluorononanoic acid (ADONA)
n-Propylbenzene	tert-Butyl Ethyl Ether	Cyanotoxins ¹ :
o-Chlorotoluene	tert-Butylbenzene	Microcystin, Total
o-Dichlorobenzene (1,2-DCB)	Testosterone	Cylindrospermopsin
OUST (Sulfometuron,methyl)	Tetrachloroethylene (PCE)	Anatoxin-A
Oxamyl (Vydate)	Thallium Total ICAP/MS	
Oxolinic acid	Theobromine	
Oxybenzone	Theophylline (semi-quantitative)	
o-Xylene	Thiabendazole	
Paraquat	Thiobencarb (ELAP)	
PCB 1016 Aroclor	Toluene	
PCB 1221 Aroclor	Tot DCPA Mono&Diacid Degradate	

1 Collected from the McKenzie River Intake to the Water Treatment Plant